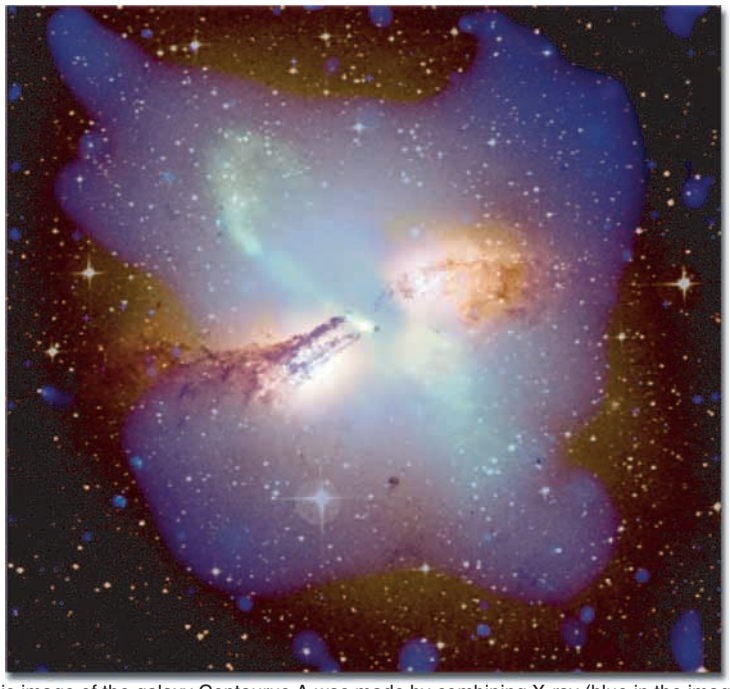
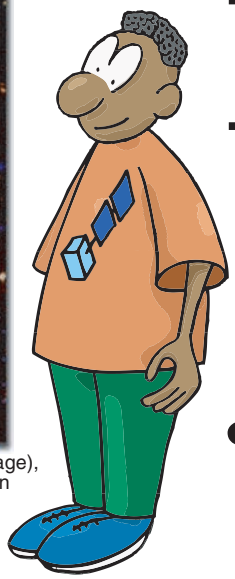
The Space Place New Millennium Calendar

http://spaceplace.nasa.gov



This image of the galaxy Centaurus A was made by combining X-ray (blue in the image), visible light (orange and yellow) and radio wave (pink and green) images all taken by different kinds of telescopes. Find out about these different kinds of light at spaceplace.nasa.gov/chandra.htm .



JULY 2004

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
National Picnic Month. What kinds of clouds are those watching over your picnic?				1 The first **X-ray photograph** was taken, 1934. Look through the magic X-ray window at the Land of Magic Windows.	FULL MOON 2	3
Aphelion: today 4 Earth is farthest from the Sun. **Mars Pathfinder lands on Mars,** 1997. Blast off on a Mars adventure! **U.S. Independence Day**	5	6 **First time use of a radio compass for aircraft navigation**, 1920. Learn about a special mini-compass for a mini-spacecraft.	7	8	LAST QUARTER 9 **Voyager 2's closest approach to Jupiter**, 1979. Find out how the gravity of Jupiter affects its moon Io.	10
11	12	13	14 **Mariner 4 does the first Mars flyby**, 1965. Learn more about Mariner 4.	15	16 **Launch of Apollo 11**, 1969. Find out what protected the Apollo astronauts from meteoroids while on the Moon.	NEW MOON 17
18	**Birthday in 1846 19 of Edward Pickering**, astronomer who made the first all-sky photographic map. What special telescope is mapping most of the universe?	20 **Moon Day**. Neil Armstrong is the first human to walk on the Moon, 1969. Make yummy moon cookies!	21	22	23 **Ice cream cone invented**, 1904. Make a super sound cone for super hearing.	24
FIRST QUARTER 25	26	27	28 **Potatoes first introduced to Europe**, 1586. Make asteroid potatoes!	29 **NASA established**, 1958. See historical images of rockets, space shuttles, and more.	30	FULL MOON 31

Month of July: spaceplace.nasa.gov/cloudsat_puz2.htm
July 1: spaceplace.nasa.gov/chandra_xray.htm
July 4: spaceplace.nasa.gov/mars_rocket.htm
July 6: spaceplace.nasa.gov/st6starfinder/st6starfinder.htm
July 9: spaceplace.nasa.gov/gll_io_fact.htm
July 14: spaceplace.nasa.gov/mars_rocket4.htm
July 16: spaceplace.nasa.gov/phonedrmarc/oct2002.html
July 19: spaceplace.nasa.gov/teachers/galex_puzzles.pdf
July 20: spaceplace.nasa.gov/moon_cookies.htm
July 23: spaceplace.nasa.gov/tmodact.htm
July 28: spaceplace.nasa.gov/ds1_ast.htm
July 29: spaceplace.nasa.gov/teachers_images.htm

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